



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Case No. MBHB 00-167-C)

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1606
10-1602

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In re Application of:

Carl Werner et al.

Serial No.: 09/742,250

Filed: December 20, 2000

For: Apparatus and Method for Improving
Resolution of a Current Mode Driver

Art Unit: 2819

Examiner: L. Nguyen

Commissioner for Patents
Washington, D.C. 20231

RESPONSE AND AMENDMENT

Dear Sir:

In response to the Office Action dated June 18, 2002, please enter the following amendments
and consider the following remarks.

AMENDMENT

In the Claims:

Please amend claims 1-14, and 16-20 as follows:

1. (Amended) A method for improving resolution of a current mode driver, where the
current mode driver is operable to provide an output that falls within a predetermined range,
the method comprising the steps of:
- sensing at least one of a process condition, a voltage condition and a temperature
condition;
 - adjusting a full scale current of a DAC in accordance with the sensing step; and
 - setting a current control signal based on an output of the DAC, the current control
signal being applied to the current mode driver.

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